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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/464,497	12/15/1999	MICHAEL A'HEARN	99-120-4	7647
7590	11/18/2003		EXAMINER	
J W BURROWS CATERPILLAR INC			LOPEZ, FRANK D	
PATENT DEPARTMENT				
AB 6490			ART UNIT	PAPER NUMBER
100 N.E.ADAMS STREET			3745	
PEORIA, IL 616296490			DATE MAILED: 11/18/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/464,497	A'HEARN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	F. Daniel Lopez	3745	

All participants (applicant, applicant's representative, PTO personnel):

(1) F. Daniel Lopez. (3) \_\_\_\_\_.

(2) J. W. Burrows (#29,623). (4) \_\_\_\_\_.

Date of Interview: 14 November 2003.

Type: a) Telephonic b) Video Conference  
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.  
If Yes, brief description: .

Claim(s) discussed: 1.

Identification of prior art discussed: *Budzich*.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

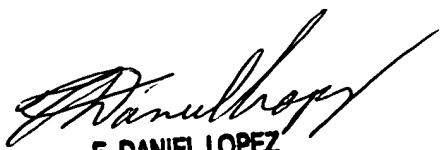
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: In claim 1 next to last line of the second paragraph (i.e. line 14), adding --full-- before "communication" would overcome Budzich, since as the valve fo Budzich moves towards the second position, it goes through a third intermediate position, where there is no connection between the first and secodn outlet ports (i.e. not meeting the limtiations of the last paragraph).

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) It is not necessary for applicant to provide a separate record of the substance of the interview(if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.



**F. DANIEL LOPEZ**  
**PRIMARY EXAMINER**

Examiner's signature, if required